

**LISTING OF THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1-3. (Cancelled)

4. (Currently amended) A trolley comprising:

a waste compactor comprising a metal horizontal plate driven by an electric motor, which generates rotary motion, and mechanisms, which convert said rotary motion into translational motion, for moving [[a]] the metal horizontal plate, wherein said mechanisms comprise at least two telescopic screws and define a weight-bearing structure through which a compaction load, generated by said translational motion is absorbed.

5. (Currently amended) [[A]] The trolley as claimed in claim 4, wherein said trolley comprises a moving part further comprising a drawer designed to house the waste containers, a fixed part to which the waste compactor is attached, and an outer casing; wherein the fixed part and the drawer are housed in the outer casing can also form a single unit.

6. (Currently amended) [[A]] The trolley as claimed in claim 5, further comprising an electronic means for controlling the operating phases of the waste compactor and of the moving parts drawer.

7. (Currently amended) [[A]] The trolley as claimed in claim 6, wherein the moving part drawer further comprises two doors.

8. (Currently amended) [[A]] The trolley as claimed in claim 7, further comprising a means for facilitating the movement and removal of the waste containers deformed by the compaction.

9. (Currently amended) [[A]] The trolley as claimed in claim 8, wherein said means for facilitating the movement and removal of the deformed waste containers comprises a side wall of the moving part that rotates around a horizontal hinge.
10. (Currently amended) [[A]] The trolley as claimed in claim 4, further comprising a chamber for housing two waste containers.
11. (Currently amended) [[A]] The trolley as claimed in claim [[10]] 5, wherein the moving part drawer further comprises a central openable partition.
12. (Withdrawn – currently amended) [[A]] The trolley as claimed in claim 4, further comprising a chamber for housing a single waste container and a single door.
13. (New) A trolley comprising:
  - a waste compactor provided with a compaction plate and an electric motor generating a rotary motion;
  - two telescopic ball bearing screws; and
  - a gear box transmitting said rotary motion to said two telescopic ball bearing screws so that said two telescopic ball bearing screws convert said rotary motion into a translational motion of said compaction plate, wherein said gear box comprises a weight-bearing structure through which a compaction load generated by said translational motion of said compaction plate is absorbed.
14. (New) The trolley as claimed in claim 13, further comprising two waste containers.
15. (New) The trolley as claimed in claim 14, further comprising a drawer, a fixed part, and an outer casing, said outer casing housing said fixed part and said drawer, said drawer supporting said two waste containers for movement with respect to said waste compactor, wherein said waste compactor is attached to said fixed part.

16. (New) The trolley as claimed in claim 15, wherein said fixed part and said outer casing form a single unit.

17. (New) The trolley as claimed in claim 15, further comprising an electronic control for controlling the operating phases of said waste compactor and said drawer.

18. (New) The trolley as claimed in claim 15, further comprising a side wall hinged so that said side wall can move outward to facilitate removal of said two waste containers after deformation by said translational motion of said compaction plate.